

**AMENDMENT TO H.R. 4923, AS REPORTED
OFFERED BY MR. GARAMENDI OF CALIFORNIA**

At the end of the bill (before the short title), insert
the following:

1 SEC. _____. (a) Of the funds made available by title
2 III under the heading “Atomic Energy Defense Activi-
3 ties—National Nuclear Security Administration—Defense
4 Nuclear Nonproliferation”, not later than 180 days after
5 the date of the enactment of this Act, the Secretary of
6 Energy shall submit to the congressional defense commit-
7 tees (as defined in section 101(a)(16) of title 10, United
8 States Code) a report that includes an analysis of alter-
9 natives with respect to using the existing infrastructure
10 at the Savannah River Site of the Department of Energy,
11 including existing mixed oxide facilities, to conduct an al-
12 ternative method for meeting the nuclear disposition re-
13 quirements of the United States. Such report shall in-
14 clude—

15 (1) a full description of alternatives considered,
16 including not less than two proposals described in
17 subsection (b);

18 (2) a comparison of the costs and benefits of
19 each such alternative, including an analysis of trade-

1 offs among cost, schedule, and performance objec-
2 tives;

3 (3) the identification of the cost and risk of
4 critical technology elements associated with each
5 such alternative, including technology maturity, inte-
6 gration risk, manufacturing feasibility, and dem-
7 onstration needs;

8 (4) identification of the cost and risk of addi-
9 tional capital asset and infrastructure capabilities
10 required to support production and certification of
11 each alternative; and

12 (5) a life-cycle cost estimate for the alternative
13 selected that details the overall cost, scope, and
14 schedule planning assumptions.

15 (b) In order to obtain alternatives to analyze in the
16 report under subsection (a), the Secretary of Energy shall
17 issue a formal request for proposals for contractors to sub-
18 mit a formal proposal for effective plutonium disposition
19 methods that are alternative to the mixed oxide process,
20 giving consideration to existing capabilities and infrastruc-
21 ture at the Savannah River Site.

